

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2016, Illinois

Year	Coal	Natural Gas ^a	Petroleum						Hydro-electric Power ^{e,f}	Biomass		Geo-thermal ^f	Solar ^{f,i}	Retail Electricity Sales	Net Energy ^{f,j}	Electrical System Energy Losses ^k	Total ^{f,j}
			Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{f,g}	Losses and Co-products ^h						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh	Million kWh							
1960	13,842	186	13,545	8,534	6,476	16,835	25,548	70,939	19	--	--	--	NA	13,722	--	--	--
1965	15,669	238	12,074	11,399	6,512	15,064	33,266	78,315	17	--	--	--	NA	18,708	--	--	--
1970	10,928	381	10,836	17,818	6,017	16,694	39,165	90,531	20	--	--	--	NA	25,647	--	--	--
1975	7,257	352	11,138	23,889	4,290	15,728	39,242	94,287	19	--	--	--	NA	30,330	--	--	--
1980	5,350	349	7,842	33,867	3,505	12,598	36,926	94,737	17	--	--	--	NA	35,158	--	--	--
1985	5,829	285	6,617	22,607	1,738	3,410	24,473	58,845	17	--	--	--	NA	36,178	--	--	--
1990	6,243	276	8,848	8,368	1,264	1,717	31,431	51,628	0	--	--	--	(s)	39,299	--	--	--
1995	5,937	321	7,846	20,981	1,500	363	29,278	59,968	0	--	--	--	(s)	42,251	--	--	--
1996	6,154	322	7,691	18,725	1,464	592	32,955	61,426	0	--	--	--	(s)	42,423	--	--	--
1997	6,325	318	8,112	18,373	1,489	677	32,344	60,995	0	--	--	--	(s)	42,837	--	--	--
1998	6,170	303	9,535	10,222	1,347	150	33,290	54,544	0	--	--	--	(s)	43,377	--	--	--
1999	5,990	305	7,385	14,587	1,087	157	35,862	59,079	0	--	--	--	(s)	41,972	--	--	--
2000	5,590	301	7,798	13,521	1,032	243	30,992	53,586	0	--	--	--	(s)	40,939	--	--	--
2001	4,710	277	7,557	13,426	2,089	309	29,404	52,786	0	--	--	--	(s)	40,780	--	--	--
2002	4,180	291	7,394	13,574	2,248	87	30,841	54,145	0	--	--	--	(s)	39,288	--	--	--
2003	4,305	270	7,178	9,720	2,445	132	32,066	51,541	0	--	--	--	(s)	43,042	--	--	--
2004	4,195	264	8,056	12,168	2,714	335	30,191	53,463	0	--	--	--	(s)	48,008	--	--	--
2005	4,152	261	8,182	14,892	2,639	303	31,732	57,748	0	--	--	--	(s)	45,888	--	--	--
2006	4,266	246	8,362	14,790	2,745	180	30,589	56,667	0	--	--	--	(s)	44,916	--	--	--
2007	4,449	255	8,653	14,735	1,794	85	29,563	54,830	0	--	--	--	(s)	45,430	--	--	--
2008	4,315	264	9,141	12,301	1,499	143	29,681	52,764	0	--	--	--	(s)	45,503	--	--	--
2009	3,396	235	5,467	13,037	1,503	13	26,242	46,262	0	--	--	--	(s)	41,507	--	--	--
2010	4,385	286	6,058	15,577	2,109	4	R 26,060	R 49,807	0	--	--	--	(s)	44,180	--	--	--
2011	4,942	284	6,203	15,393	2,057	10	R 25,112	R 48,775	0	--	--	--	(s)	44,844	--	--	--
2012	4,753	277	6,158	15,621	1,956	12	R 24,612	R 48,360	0	--	--	--	(s)	45,277	--	--	--
2013	4,684	294	6,883	13,041	2,013	52	R 26,364	R 48,353	0	--	--	--	(s)	44,387	--	--	--
2014	4,623	295	7,739	16,755	1,587	21	R 25,918	R 52,019	0	--	--	--	(s)	44,330	--	--	--
2015	3,732	R 267	7,740	15,670	1,903	15	R 26,255	R 51,583	0	--	--	--	(s)	43,131	--	--	--
2016	3,479	255	7,380	15,416	2,051	98	26,840	51,785	0	--	--	--	(s)	43,632	--	--	--

Trillion Btu																	
1960	338.8	192.7	78.9	35.5	34.0	105.8	156.8	411.1	0.2	16.0	NA	NA	NA	46.8	1,005.6	115.8	1,121.4
1965	381.7	244.6	70.3	47.3	34.2	94.7	201.7	448.3	0.2	22.0	NA	NA	NA	63.8	1,160.6	152.4	1,312.9
1970	260.2	390.5	63.1	66.6	31.6	105.0	238.9	505.2	0.2	26.4	NA	NA	NA	87.5	1,270.0	211.7	1,481.7
1975	172.9	361.4	64.9	87.1	22.5	98.9	238.7	512.1	0.2	27.7	NA	NA	NA	103.5	1,177.9	248.2	1,426.1
1980	127.7	357.0	45.7	123.0	18.4	79.2	222.9	489.2	0.2	39.0	NA	NA	NA	120.0	1,120.8	288.2	1,409.0
1985	142.3	296.3	38.5	80.2	9.1	21.4	151.1	300.4	0.2	45.7	22.5	NA	NA	123.4	924.8	282.7	1,207.5
1990	150.8	281.8	51.5	29.8	6.6	10.8	192.2	291.1	0.0	31.6	20.2	0.0	(s)	134.1	907.2	321.6	1,228.8
1995	144.6	327.4	45.7	74.9	7.8	2.3	179.6	310.3	0.0	28.3	29.0	0.0	(s)	144.2	981.8	340.5	1,322.4
1996	150.1	328.2	44.8	66.5	7.6	3.7	202.1	324.8	0.0	33.3	11.8	0.0	(s)	144.7	991.8	339.9	1,331.7
1997	155.4	324.4	47.2	65.4	7.8	4.3	198.0	322.6	0.0	29.7	20.7	0.0	(s)	146.2	997.7	345.9	1,343.6
1998	152.4	309.8	55.5	36.4	7.0	0.9	204.5	304.3	0.0	25.8	24.2	0.0	(s)	148.0	963.6	350.9	1,314.6
1999	148.4	311.9	43.0	51.8	5.7	1.0	220.2	321.7	0.0	25.9	22.3	0.0	(s)	143.2	969.0	342.6	1,311.6
2000	136.3	307.8	45.4	47.9	5.4	1.5	190.7	290.8	0.0	20.7	26.7	0.0	(s)	139.7	918.0	329.0	1,247.0
2001	111.3	282.9	44.0	47.6	10.9	1.9	181.1	285.5	0.0	14.6	29.1	0.0	(s)	139.1	858.9	326.7	1,185.5
2002	96.8	294.4	43.0	48.1	11.7	0.5	189.9	293.4	0.0	15.5	39.7	0.0	(s)	134.0	870.3	301.7	1,172.0
2003	98.1	274.4	41.8	34.6	12.7	0.8	197.9	287.8	0.0	15.2	47.0	0.0	(s)	146.9	866.2	330.9	1,197.0
2004	93.6	267.1	46.9	43.2	14.1	2.1	187.4	293.8	0.0	15.3	43.9	0.0	(s)	163.8	874.5	373.4	1,247.9
2005	92.5	264.4	47.6	52.9	13.7	1.9	196.6	312.7	0.0	16.0	41.7	0.0	(s)	156.6	880.8	353.3	1,234.2
2006	95.2	249.4	48.5	52.4	14.3	1.1	188.8	305.1	0.0	10.7	42.3	0.0	(s)	153.3	852.6	346.7	1,199.3
2007	99.4	258.6	50.0	51.9	9.3	0.5	182.0	293.7	0.0	11.9	51.1	0.0	(s)	155.0	866.8	353.8	1,220.7
2008	95.3	267.7	52.8	43.2	7.7	0.9	184.0	288.6	0.0	11.7	56.0	0.0	(s)	155.3	871.7	353.4	1,225.1
2009	73.9	238.2	31.6	45.2	7.7	0.1	162.4	246.9	0.0	12.4	70.5	0.0	(s)	141.6	780.5	319.9	1,100.4
2010	96.1	288.2	35.0	52.0	10.7	(s)	R 161.0	R 258.6	0.0	R 14.1	70.9	0.0	(s)	150.7	R 875.1	338.6	R 1,213.7
2011	110.6	286.5	35.8	51.3	10.4	0.1	R 154.6	R 252.1	0.0	R 4.8	68.4	0.0	(s)	153.0	R 872.1	343.7	R 1,215.8
2012	113.6	280.1	35.5	52.1	9.9	0.1	R 151.1	R 248.7	0.0	R 4.5	68.4	0.0	(s)	154.5	R 866.2	347.2	R 1,213.4
2013	111.4	298.6	39.7	44.2	10.2	0.3	R 160.4	R 254.9	0.0	R 4.7	66.1	0.0	(s)	151.4	R 884.4	336.4	R 1,220.8
2014	109.6	R 301.5	44.6	55.9	8.0	0.1	R 158.0	R 266.7	0.0	R 5.1	68.2	0.0	(s)	151.3	R 899.2	334.9	R 1,234.1
2015	86.7	R 274.5	44.6	51.7	9.6	0.1	R 160.4	R 266.5	0.0	R 5.6	78.0	0.0	(s)	147.2	R 855.5	323.3	R 1,178.8
2016	80.3	263.7	42.6	50.8	10.4	0.6	163.9	268.2	0.0	5.7	83.9	0.0	(s)	148.9	847.9	326.5	1,174.3

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Losses and co-products from the production of fuel ethanol.

ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

^j For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. -- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.